

DERWENT-ACC-NO: 1994-157408

DERWENT-WEEK: 199419

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TITLE: Cutting plate - has strengthening facet in form of
three

sectors, angle of which to plane of cutting edges is
determined from specified expressions

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PATENT-ASSIGNEE: REFRACTOREIS RES INST[REFS]

PRIORITY-DATA: 1991SU-4952640 (June 28, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
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MAIN-IPC

SU 1798045 A1 B23B 027/16	February 28, 1993	N/A	004
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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APPL-DATE

SU 1798045A1	N/A	1991SU-4952640	June 28, 1991
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INT-CL (IPC): B23B027/16

ABSTRACTED-PUB-NO: SU 1798045A

BASIC-ABSTRACT:

The cutting plate in the form of a polyhedron comprises a front surface (1) and a rear surface (2) at an angle to it, cutting edges (3), strengthening facet (4) inclined to the plane of the cutting edges, and a swarf-breaking groove (5). The strengthening facet is in the form of three sectors, the angle of inclination of which to the plane of the cutting edges is determined from specified expressions. The third sector of the strengthening facet is wider than the first two sectors.

USE/ADVANTAGE - For lathe cutters. Plate is stronger. Bul.
8/28.2.93

CHOSEN-DRAWING: Dwg.2/2

TITLE-TERMS: CUT PLATE STRENGTH FACET FORM THREE SECTOR
ANGLE PLANE CUT EDGE
DETERMINE SPECIFIED EXPRESS

DERWENT-CLASS: P54

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1994-123635

